

-1- (JAPIO)  
ACCESSION NUMBER 81-082571  
TITLE THIN ALKALINE BATTERY  
PATENT APPLICANT (2000232) SEIKO INSTR & ELECTRONICS LTD  
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APPLICATION DETAILS 79.12.06 79JP-158395, 54-158395  
SOURCE 81.09.19 SECT. E, SECTION NO. 75; VOL. 5, NO. 149,  
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INT'L PATENT CLASS H01M-004/06; H01M-004/42; H01M-006/12  
JAPIO CLASS 42.9 (ELECTRONICS--Other); 29.3 (PRECISION  
INSTRUMENTS--Horologe)  
FIXED KEYWORD CLASS R124 (CHEMISTRY--Epoxy Resins)  
ABSTRACT PURPOSE: To obviate any reduction of the utilization  
rate of the negative mixture, by restricting the  
grain size of an amalgamated zinc which is used for  
the negative mixture down to a certain small value.  
CONSTITUTION: The grain size of an amalgamated zinc  
6b which is packed into a negative-electrode can 5,  
is restricted to a value of mesh 150#-350#. As a  
result, the amalgamated zinc 6b can be homogeneously  
and excellently packed into the negative-electrode  
can, thereby the reaction being thoroughly carried  
out. Consequently, a defective conductivity and the  
like of a thin battery having a total thickness of  
below 1.5mm, which are due to scattered grains of the  
amalgamated zinc, is prevented.